

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006863A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01Q1/32 H01Q21/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/80366 A (RECEPTEC L L C) 25 October 2001 (2001-10-25) cited in the application	1
X	DE 101 33 295 A (FUBA AUTOMOTIVE GMBH & CO KG) 23 January 2003 (2003-01-23) cited in the application page 41; claims 3,5; figures 2a,2b	1-12
X	US 6 441 792 B1 (SCHAFFNER JAMES H ET AL) 27 August 2002 (2002-08-27) abstract; figures 3,4 column 5, line 20 - line 34 column 6, line 19 - line 22 column 8, line 6 - line 10	1-11
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 October 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 2002/175879 A1 (FRANTZIS PANAYIOTIS ET AL) 28 November 2002 (2002-11-28) abstract; figures 18,19 paragraphs '0063!, '0064!	1-6,8-12
X	DE 101 44 399 A (WEBASTO VEHICLE SYS INT GMBH) 3 April 2003 (2003-04-03) paragraphs '0001!, '0012!, '0013!, '0015!; figures 1,2	1,5-9
A	KRONBERGER R P ET AL: "Array antenna principle applied to modern car antennas for mobile communication" ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM, 1998. IEEE ATLANTA, GA, USA 21-26 JUNE 1998, NEW YORK, NY, USA, IEEE, US, 21 June 1998 (1998-06-21), pages 2224-2227, XP010292169 ISBN: 0-7803-4478-2 Abschnitt 4; Abbildung 7	1-7
P,X	EP 1 363 352 A (ALPS ELECTRIC CO LTD) 19 November 2003 (2003-11-19) abstract; figures 3,4 paragraph '0022!	1,5-9
P,X	TIEZZI F; VACCARO S; GRZEGORCZYK T; MOSIG J R: "Design of multiband multibeam conformal antennas for multimedia mobile satellite receivers" PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON ADVANCED SATELLITE MOBILE SYSTEMS - ASMS 2003, EUR. SPACE AGENCY, FRASCATI, ITALY, 10 July 2003 (2003-07-10), pages 1-9, XP009037508 NOORDWIJK, NETHERLANDS Abschnitte 1,2; Abbildung 1	1,5-9
E	DE 103 04 911 A (LINDENMEIER HEINZ) 19 August 2004 (2004-08-19) abstract; figures 4,5 paragraph '0008!	1-12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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